

Supporting information

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C. Chan

Synthesis of 2,6-dimethoxy-9-phenyl-1*H*-phenalen-1-one and structural revision of the benzoindenone from *Eichhornia crassipes*

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Xiaowan Li, Tongxu Si: The authors contributed equally to this work

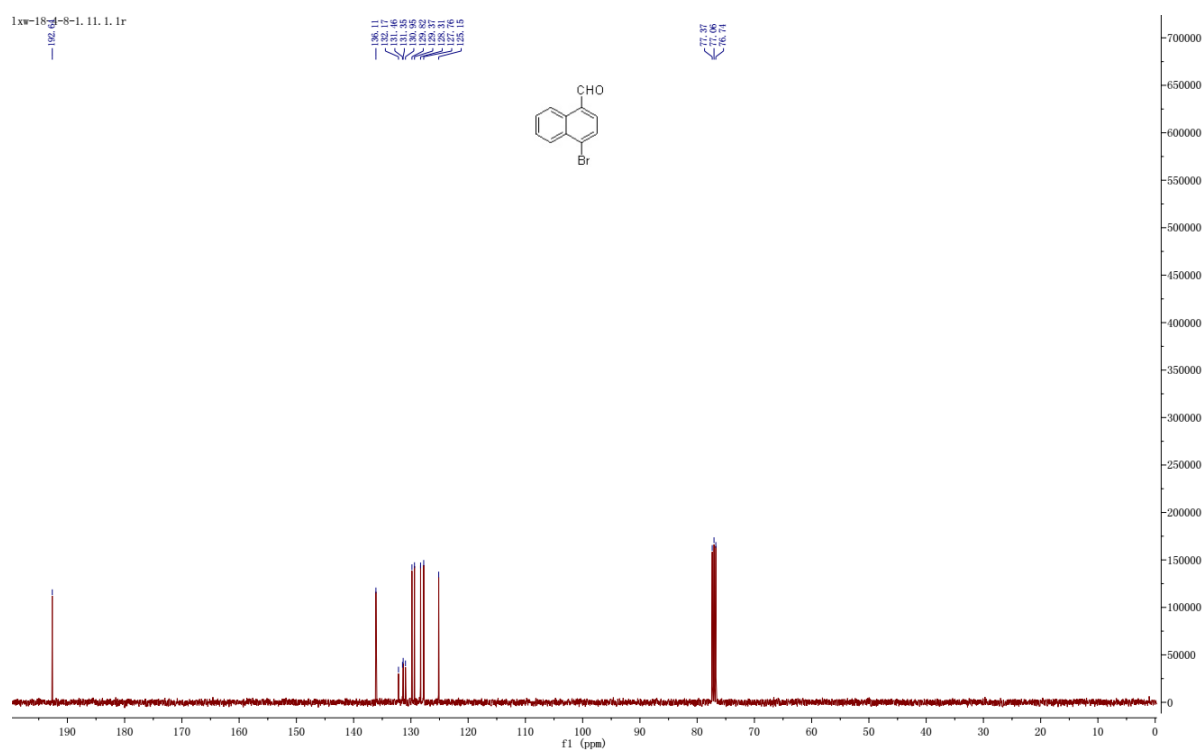
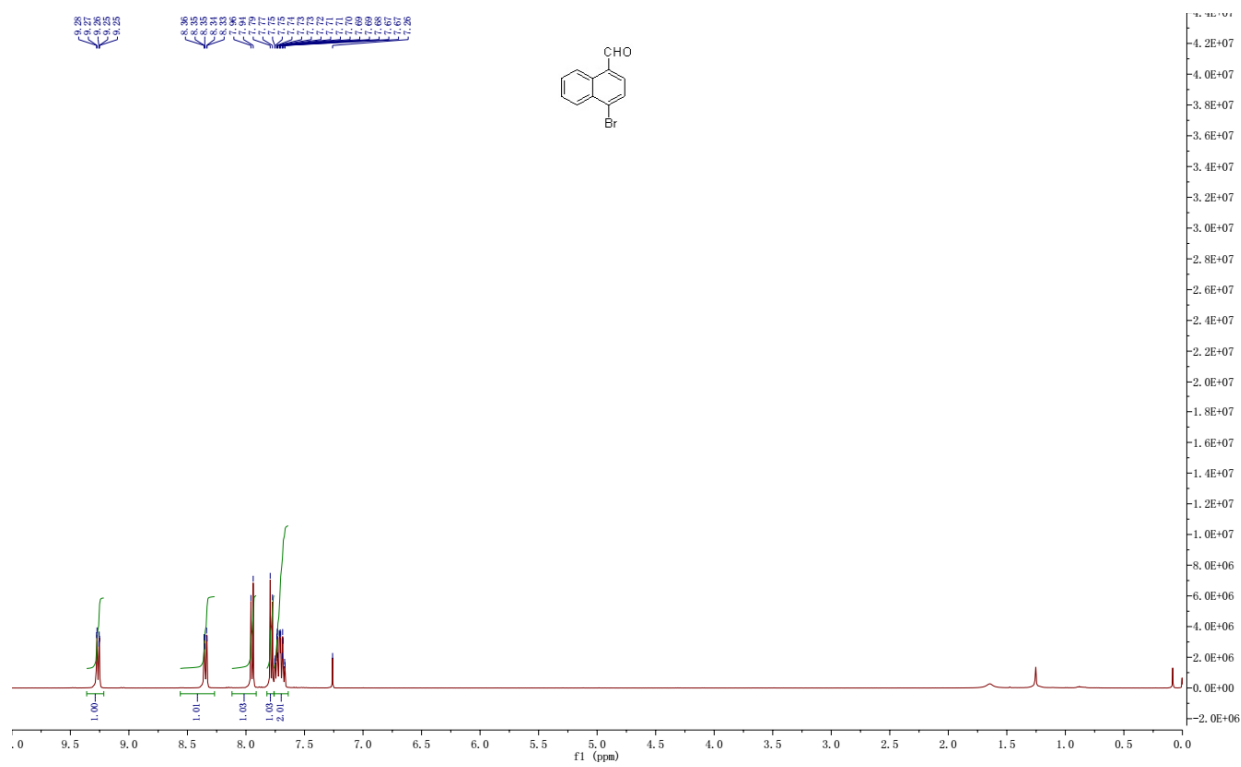
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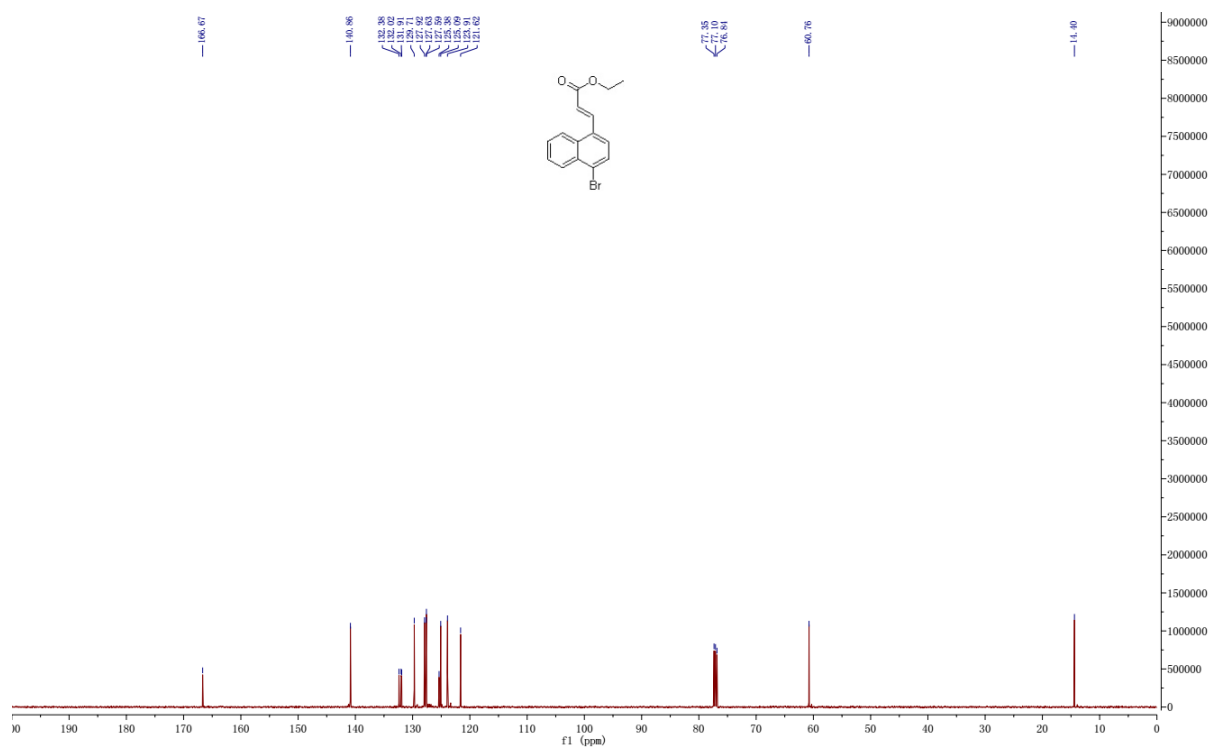
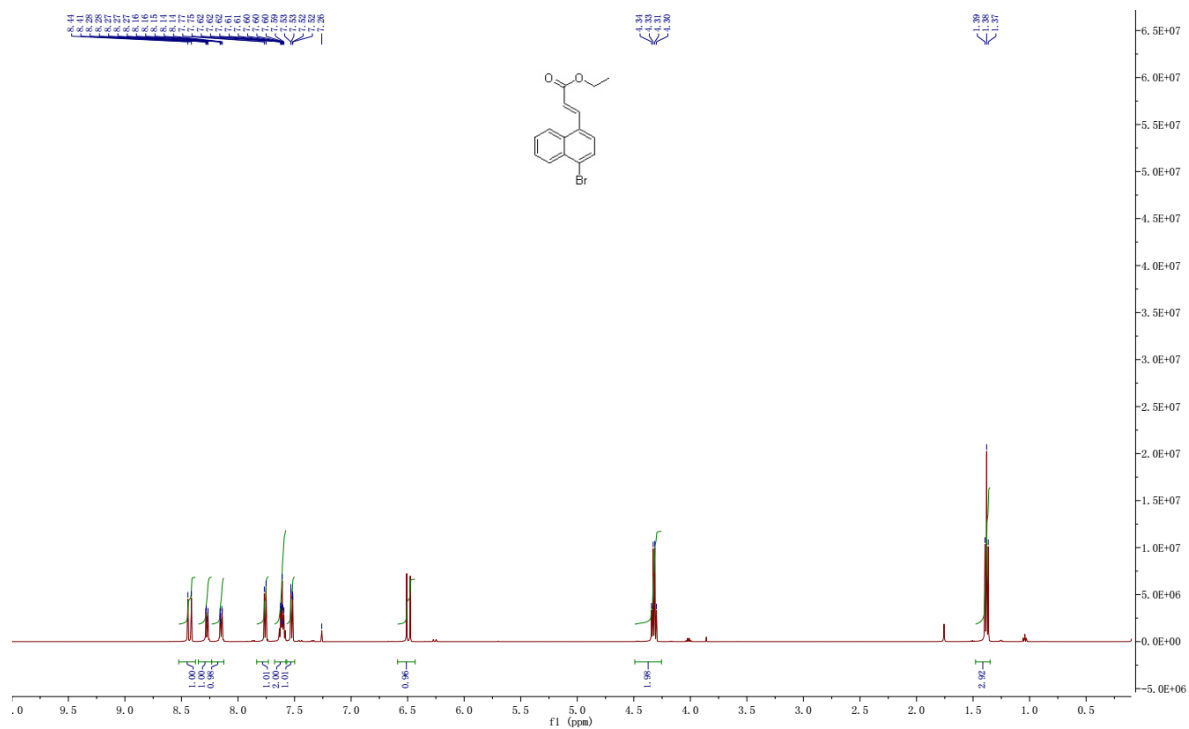
¹H and ¹³C NMR Spectra

S2–S12

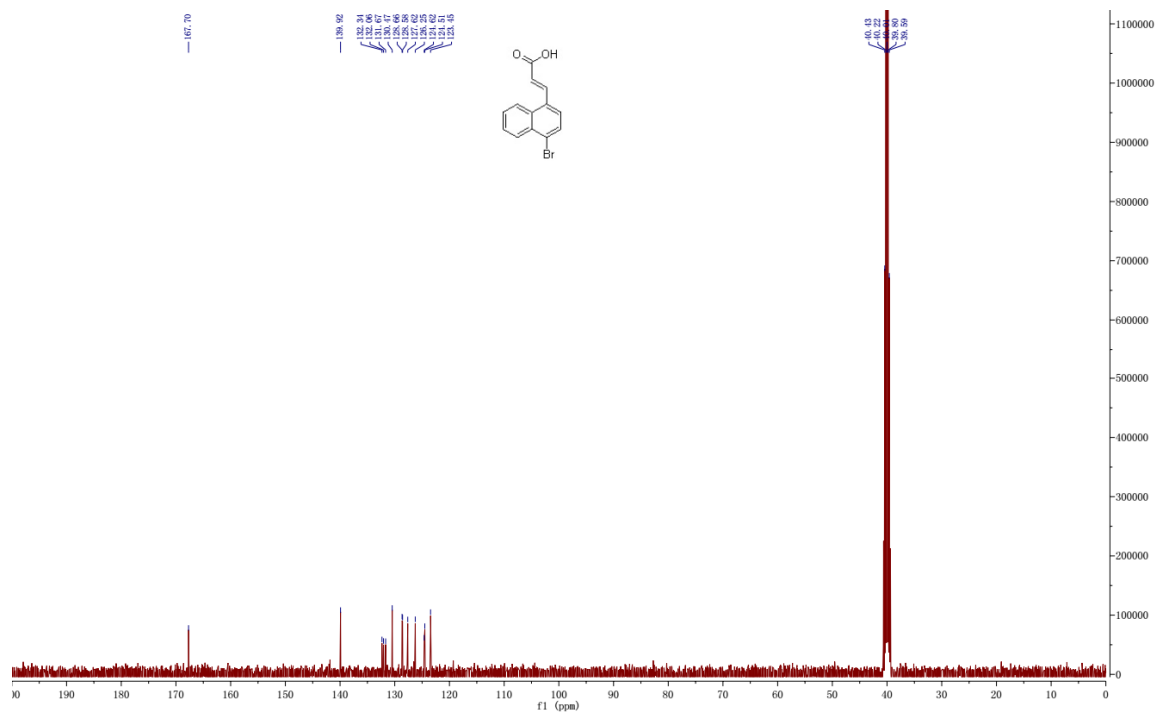
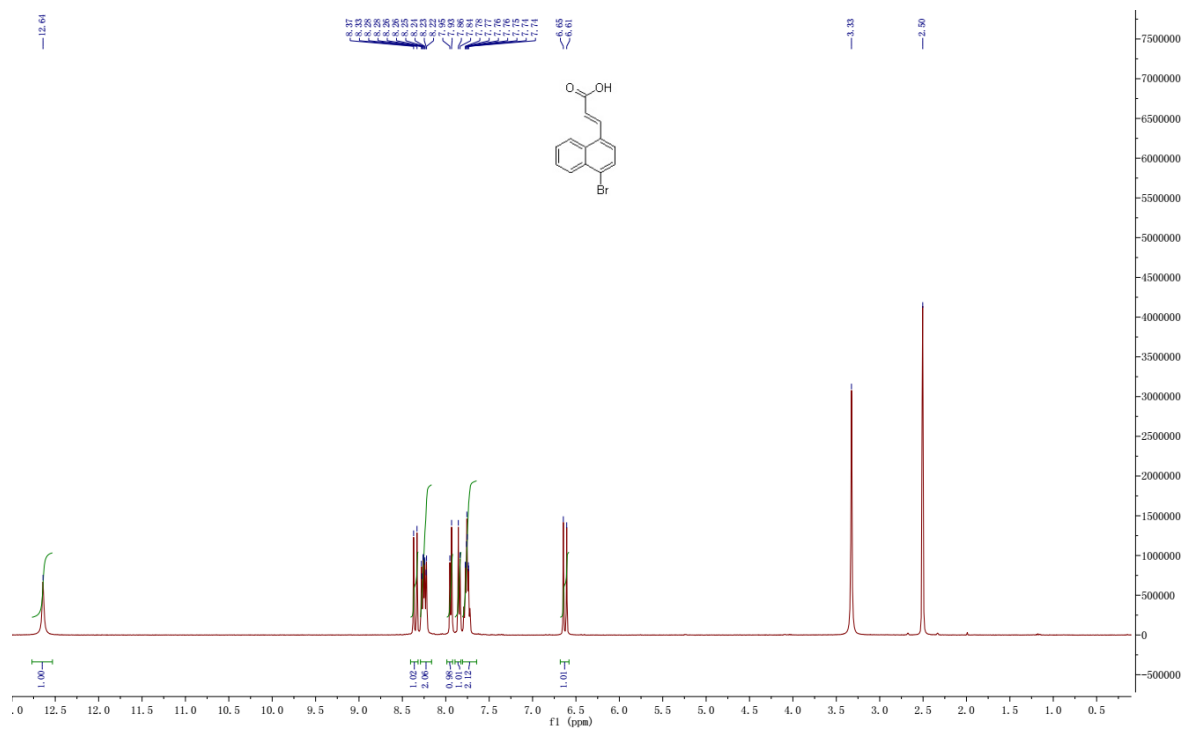
^1H NMR and ^{13}C NMR spectrum of **7** (CDCl_3)



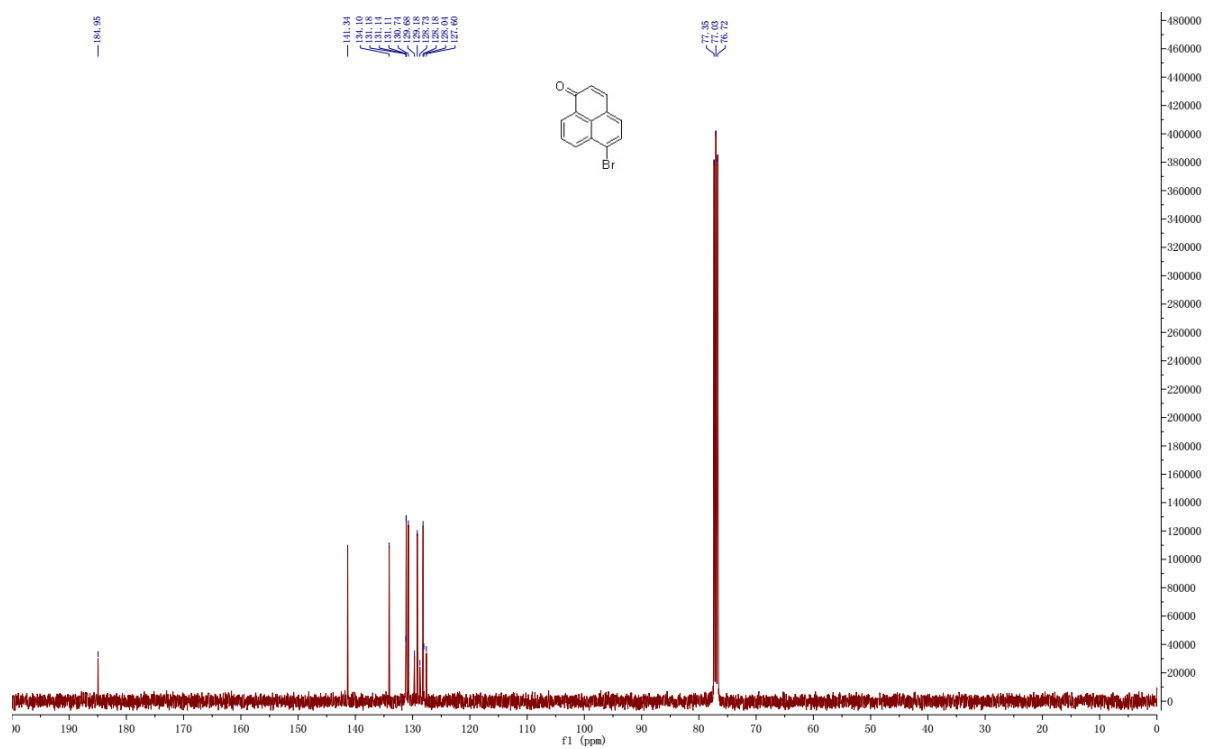
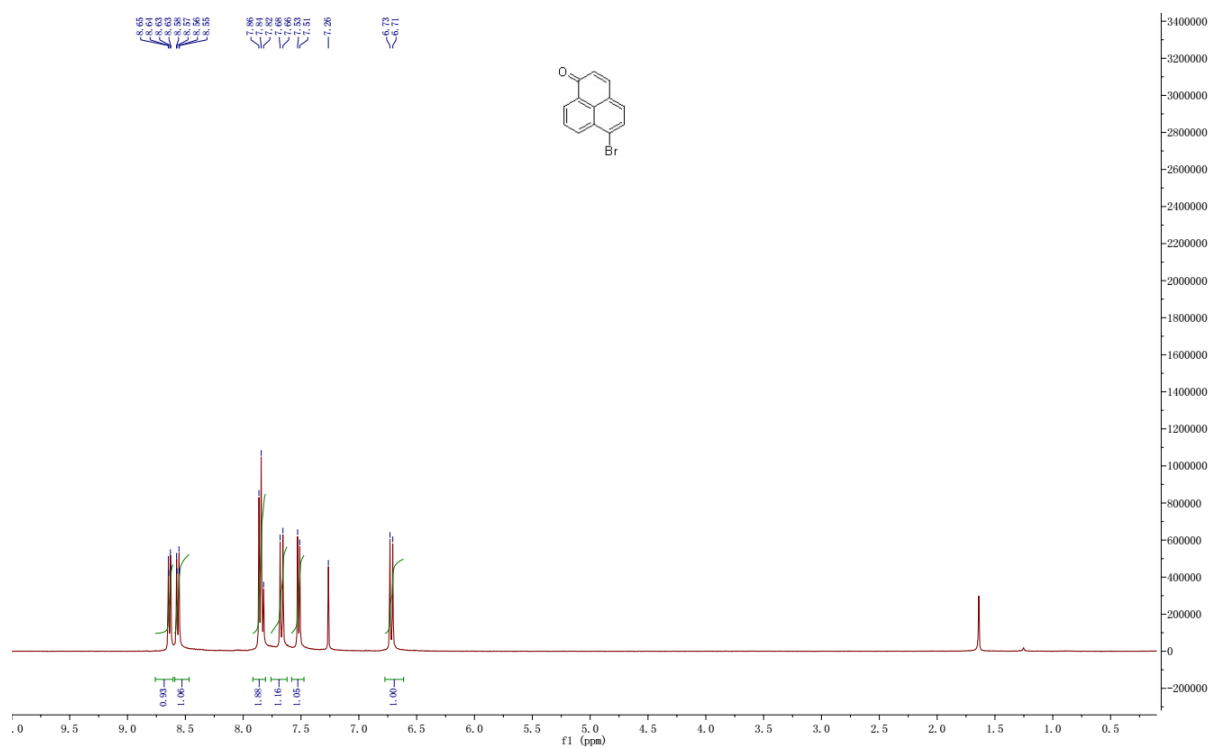
^1H NMR and ^{13}C NMR spectrum of **7b** (CDCl_3)



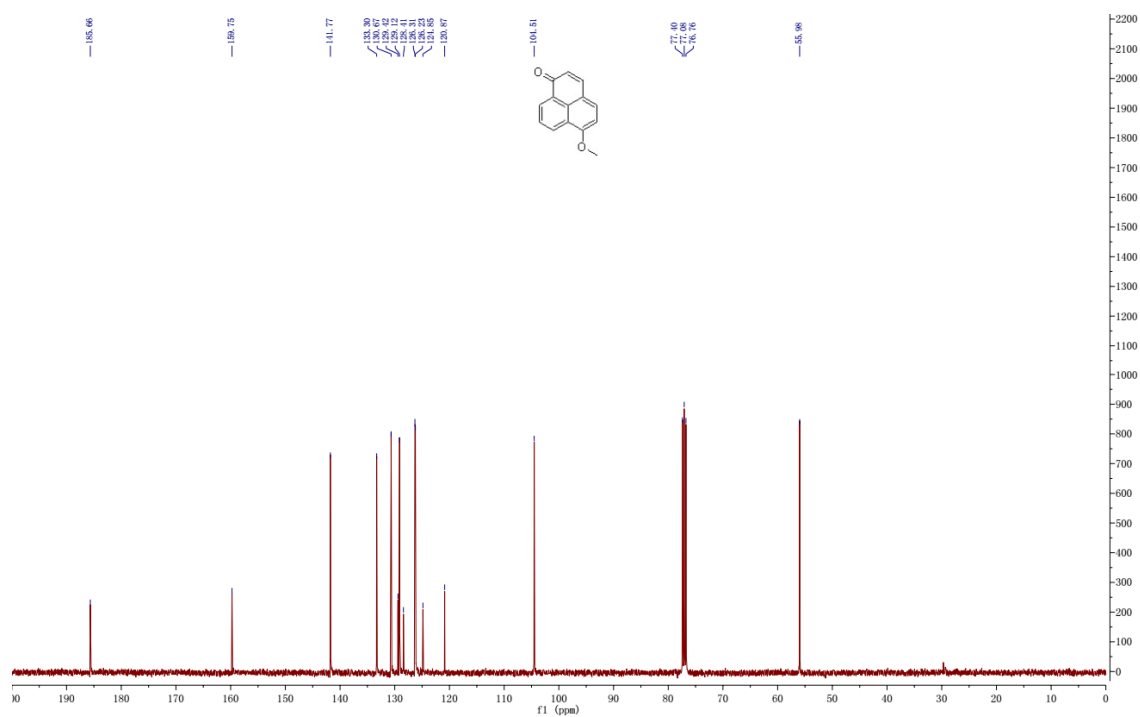
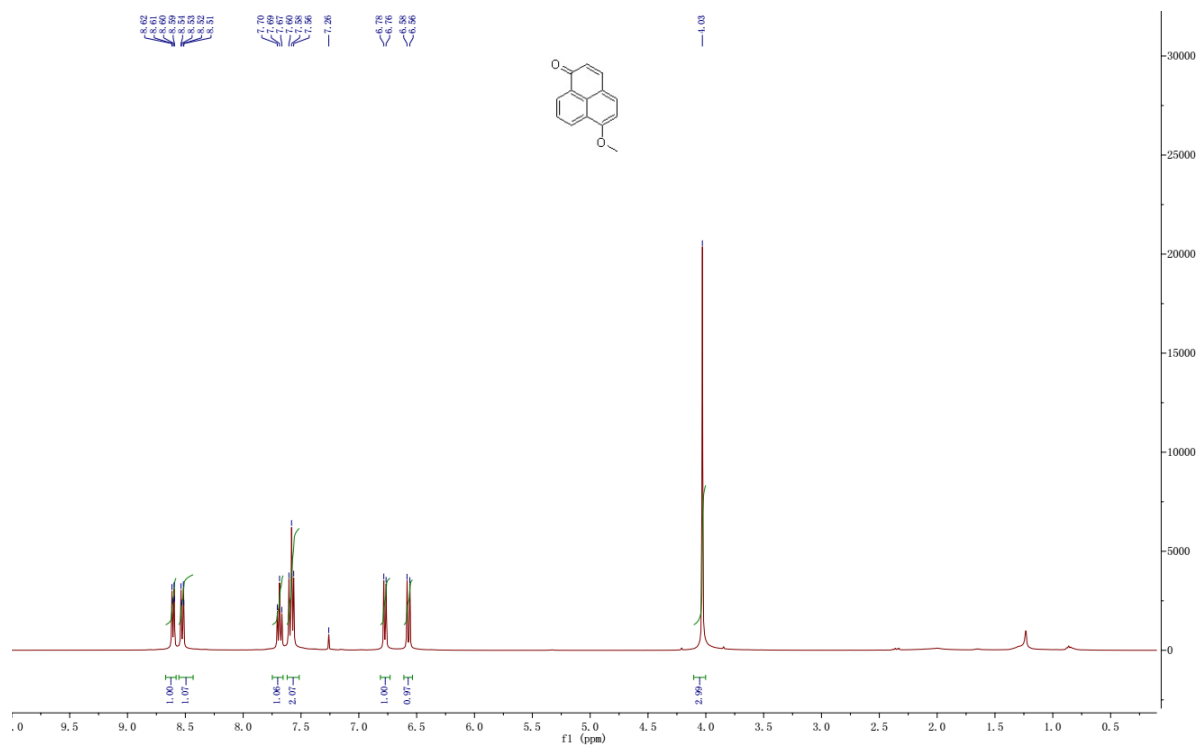
^1H NMR and ^{13}C NMR spectrum of **7c** ($\text{DMSO-}d_6$)



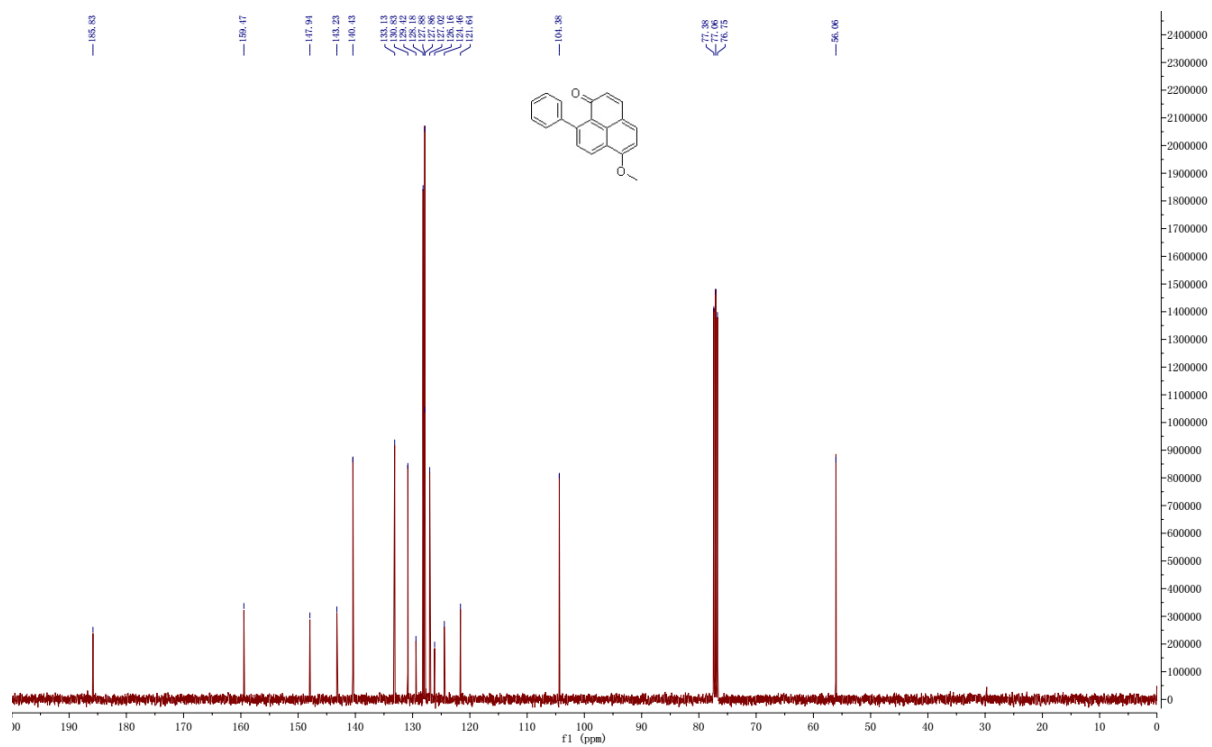
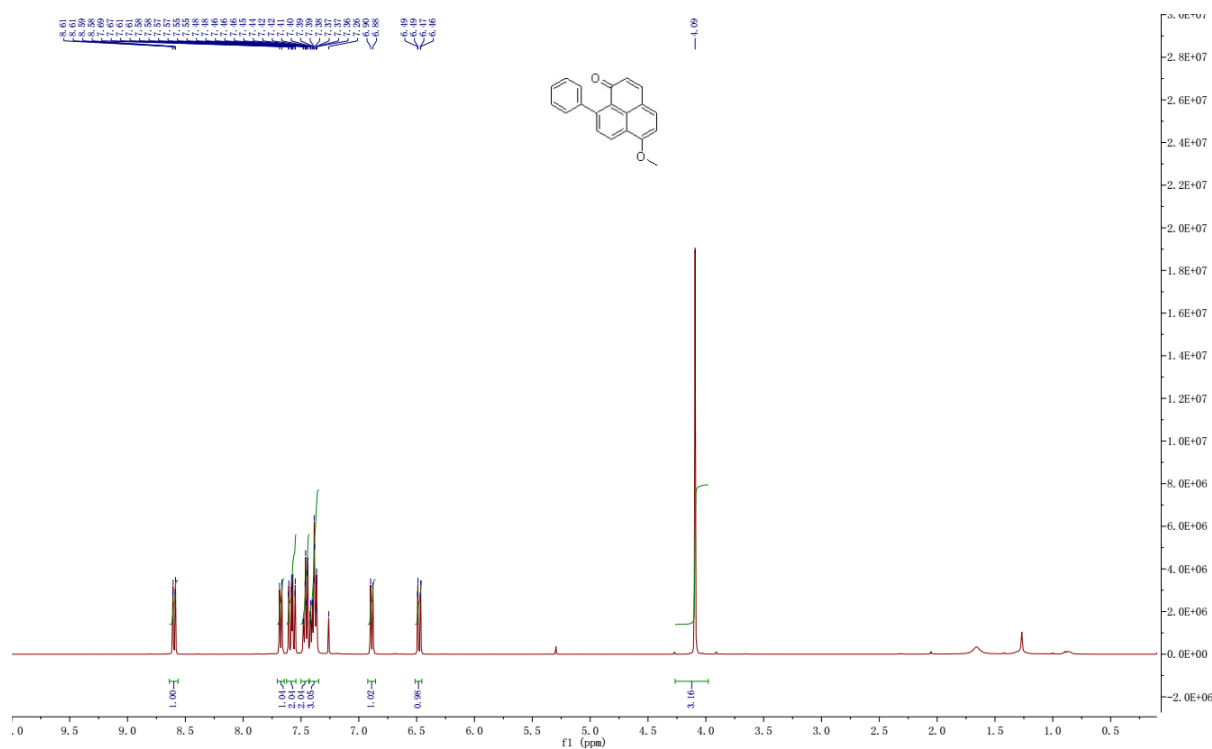
^1H NMR and ^{13}C NMR spectrum of **6** (CDCl_3)



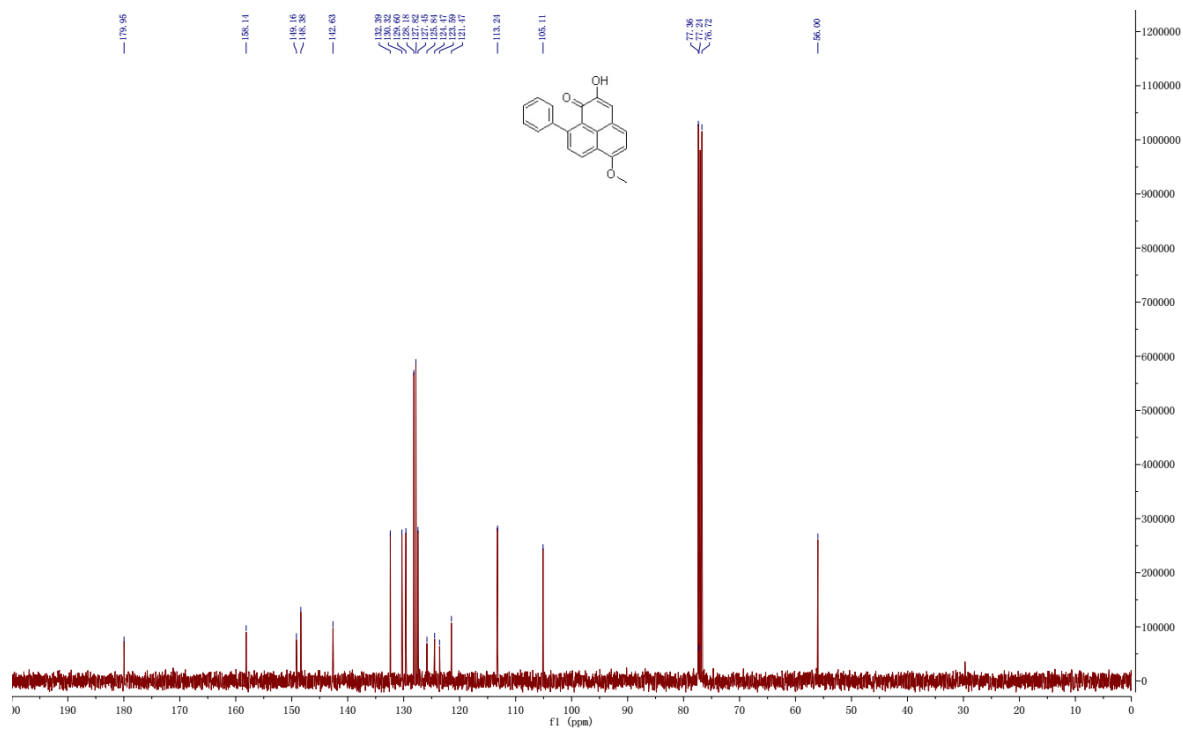
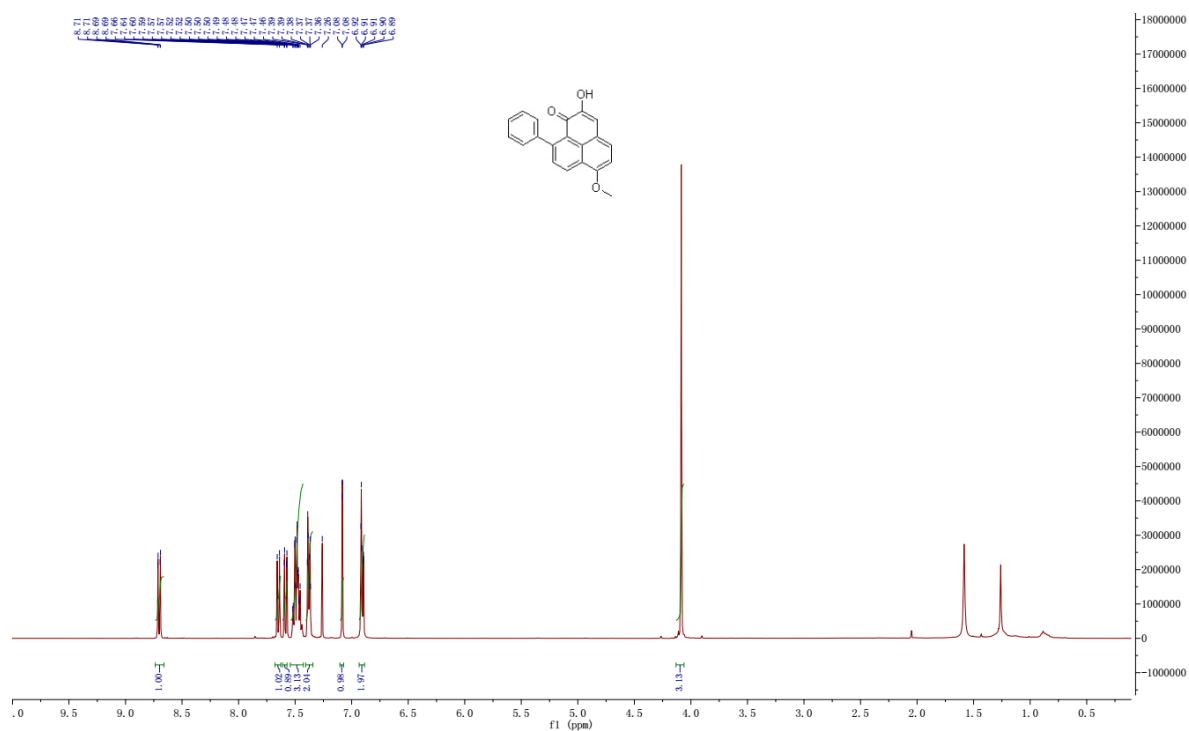
^1H NMR and ^{13}C NMR spectrum of **5** (CDCl_3)



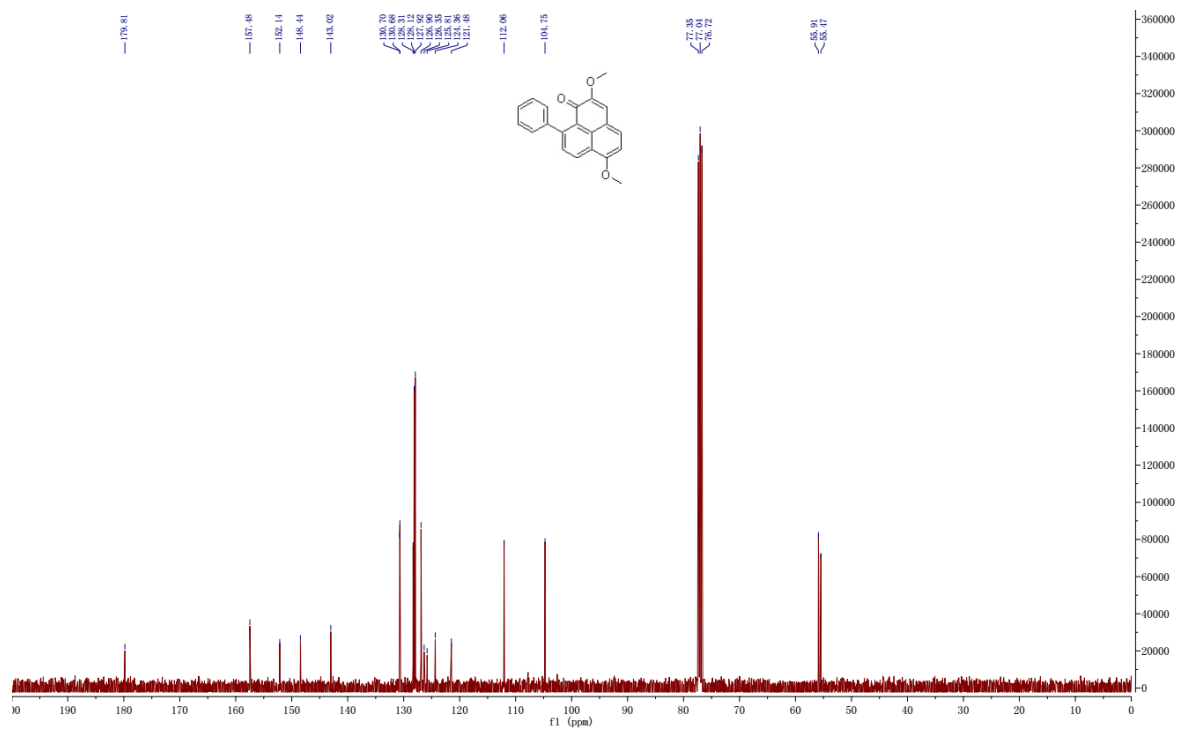
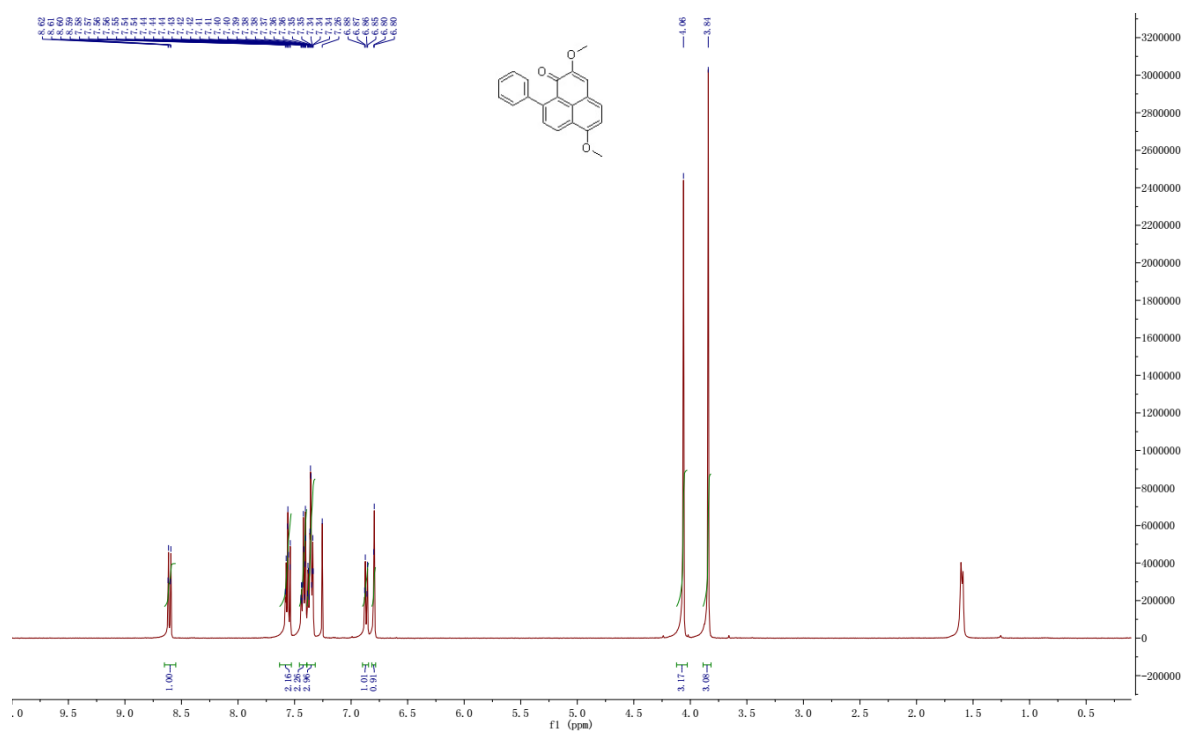
^1H NMR and ^{13}C NMR spectrum of **4** (CDCl_3)



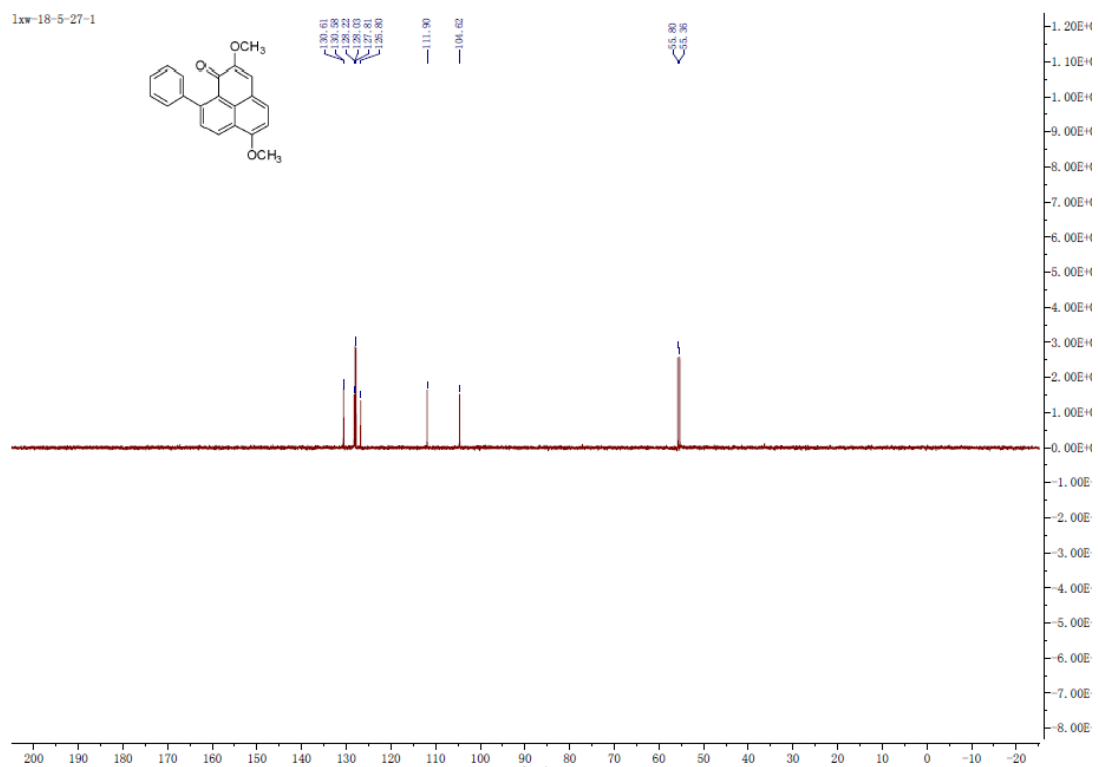
^1H NMR and ^{13}C NMR spectrum of **8** (CDCl_3)



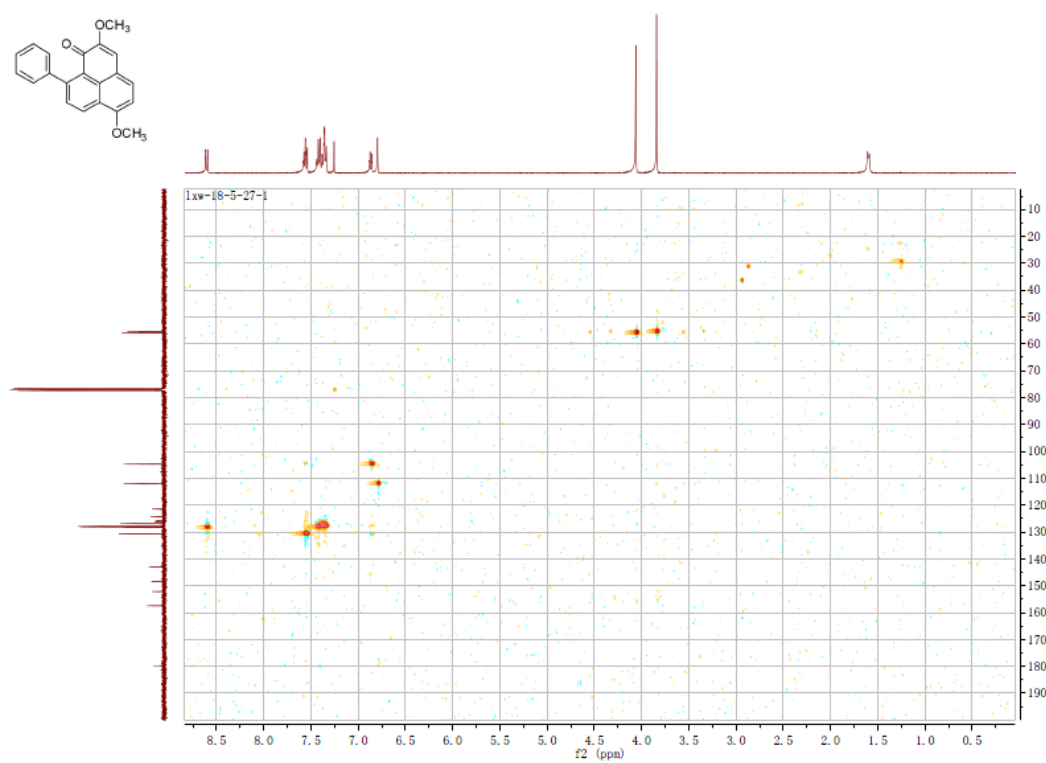
^1H NMR and ^{13}C NMR spectrum of **3** (CDCl_3)



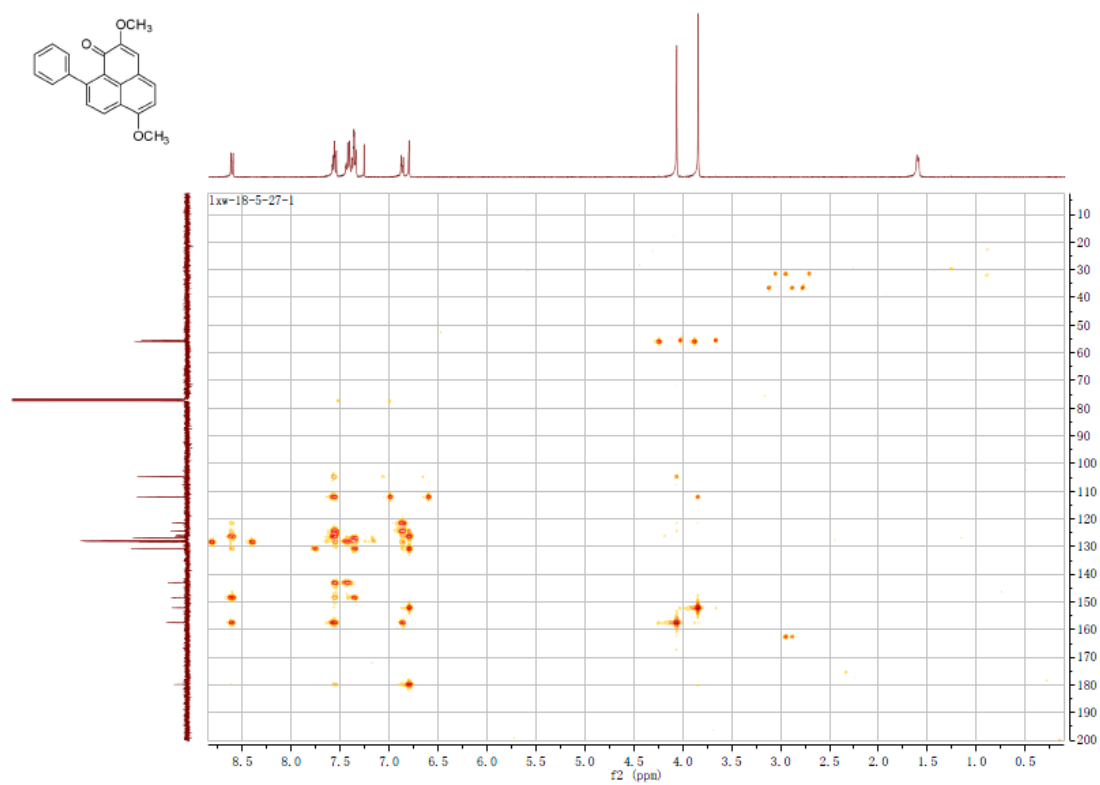
DEPT-135 spectrum of **3** (CDCl₃)



HSQC spectrum of **3** (CDCl₃)



HMBC spectrum of **3** (CDCl₃)



NOESY spectrum of **3** (CDCl₃)

